IAP7 Rec'd PCT/PTO 01 SEP 2006 TO-1390 (Modified)

-				ATTORNEY'S DOCKET NUMBER
			TO THE UNITED STATES	701019 CLIENT REF. NO.
			ED OFFICE (DO/EO/US)	Tak-201493
	,	CONCERNING A SUBMISS	SION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582,602
		FIONAL APPLICATION NO. P2004/018479	PRIORITY DATE CLAIMED 11 December 2003 (11.12.2003)	
TITL	Ė OF	INVENTION CAMINO ACID	DERIVATIVES AND USE THERE	OF AS MEDICINES
APP	LICAN	IT(S) FOR DO/EO/US	DERIVATIVES AND USE THERE	OF AS MEDICINES
•	·	4 h	AKAHOSHI et al.	LIC) the following items and other information:
Арр 1.	ilicar		ns concerning a filing under 35 USC 371	US) the following items and other information:
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2.			_	ng under 35 USC 371 and 37 CFR 1.491.
3.		, , ,	n national examination procedures (35 U	SC 371(f)).
4 .	Ш	The US has been elected (PCT A	rticle 31).	
5.			red only if not communicated by the Inter	national Bureau).
			by the International Bureau. plication was filed in the United States Re	eceiving Office (RO/US).
6.		a. is attached hereto.	f the International Application as filed (35 mitted under 35 U.S.C. 154(d)(4).	USC 371(c)(2)).
7.			International Application under PCT Artic	
		b. have been communicate	d by the International Bureau. wever, the time limit for making such ame	
8.		An English language translation of	f the amendments to the claims under PC	CT Article 19 (35 USC 371(c)(3)).
9.		An oath or declaration of the inver	ntor(s) (35 USC 371(c)(4)).	
10.		An English language translation of (35 USC 371(c)(5)).	f the annexes to the International Prelimi	nary Examination Report under PCT Article 36
11.	Nuc	eleotide and/or Amino Acid Sequen		
	a. b.	Computer Readable Form (Cl Specification Sequence Listing on		
	U.	i.		
	_	ii. Paper Copy	fahaya aasiaa	
	C.	Statement verifying identity of	above copies	
		An Information Disclosure Stateme	ument(s) or information included: ent under 37 CFR 1.97 and 1.98.	
		Form PTO-1449 Copies of References (except	t for U.S. patents and applications)	
13.			eparate cover sheet in compliance with 3	7 CFR 3.28 and 3.31 is included.
		A FIRST preliminary amendment. A SECOND or SUBSEQUENT pre	aliminany amendment	
16.		A substitute specification.		
		A change of power of attorney and		
		Application Data Sheet Under 37 (Return Receipt Postcard	UFR 1.70	
		Other items or information:		

	5. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY DOCK 10/582,602 PCT/JP2004/018479 701019							T NO. CLIENT REF. NO. Tak-201493		
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All other situations										
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from the earliest claim	ed priority date (37 C	FR 1.492	(h)).					\$0.00		
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Total Claims		- 20=				x \$ 50		\$		
Independent Claims		- 3=				x \$200		\$	****	
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NOTE: Where an ap	propriate time limit	under 37	CFR 1.494 or 1.	.495 has n	ot be	een met, a pe	titior	to revive (3	7 CFR 1.137(a)	
or (b)) must be filed a	and granted to resto	ore the ap	plication to per	nding stat	us.			•		
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				John Kilkk	ζ, Jr.,	Registration	No.	39,763		
	23460		L	LEYD / G, \	VOIT	& MAYER,	LTD,			
			٦	Two Prude	entia	l Plaza, Suite	e 490	00		
						son Avenue				
						s 60601-678				
						(telephone)			
			((312) 616-	-570	0 (facsimile)				
				Date: Sep	otem	ber 1, 2006				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582,602	INTERNATIONAL APPLICATION NO. PCT/JP2004/018479	ATTORNEY DOCKET NO. 701019	CLIENT REF. NO. Tak-201493
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International Patent Application, inc		hereon as enclosures, is be	eing deposited with
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/582,602

Applicant: Akahoshi et al.

Filed: June 9, 2006

TC/AU: Unassigned

Examiner: Unassigned

Docket No.: 701019 (Client Reference No. 201493)

Customer No.: 23460

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

In re Appln. of Akahoshi et al. Application No. 10/582,602

	of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
	after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
	or the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.
Copi	es of the References
	Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
\boxtimes	Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
\boxtimes	Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
\boxtimes	A copy of the foreign search report is enclosed herewith.
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not

In re Appln. of Akahoshi et al. Application No. 10/582,602

submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	CATIONS	STATUS (check one)				
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED		
1.						
2.						
3.						

State	ment under 37 CFR 1.97(e)
	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
	The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
State	ment under 37 CFR 1.704(d)
	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
Fees	•
	No fee is owed by the applicant(s). Charge Deposit Account No. 12-1216 in the amount of \$180.00 (37 CFR 1.17(p)). (A duplicate copy of this communication is enclosed for that purpose.)

In re Appln. of Akahoshi et al. Application No. 10/582,602

Authorization to Charge Additional Fees

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

Credit Account No. 12-1216.
Refund

John Kilyk, Jr., Reg/No. 39,763 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone)

(312) 616-5700 (facsimile)

Date: September 1, 2006

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet of

Complete if Known					
Application Number	10/582,602				
Filing Date	June 9, 2006				
First Named Inventor	AKAHOSHI, Fumihiko				
Group Art Unit	Unassigned				
Examiner Name	Unassigned				
Attorney Docket Number	701019				
Client Reference No.	201493				

		U.S. Patent Document				· · · · · ·
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	AA	2003/0134802	A1	Demuth et al.	Jul. 17, 2003	
	ΑB	2004/0063935	A1	Yasuda et al.	Apr. 1, 2004	
	AC	2004/0106656	A1	Ashton et al.	Jun. 3, 2004	
	ΑD	2004/0229926	A1	Yasuda et al.	Nov. 18, 2004	
	ΑE	2005/0054678	A1	Yasuda et al.	Mar. 10, 2005	
	AF	2005/0203030	A1	Demuth et al.	Sep. 15, 2005	
	AG	6,548,481	B1	Demuth et al.	Apr. 15, 2003	
	ΑН	6,849,622	B2	Yasuda et al.	Feb. 1, 2005	··.
	ΑI	7,026,316	B2	Ashton et al.	Apr. 11, 2006	

				FORE	IGN PATENT DOCUMENTS			
		F	oreign Patent Documen	it			Trans	slation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
	ΑJ	wo	99/61431	A1	Probiodrug Gesellschaft fur Arzneimittelforschung MBH	Dec. 2, 1999		X**
	AK	wo	02/30891	A1	Tanabe Seiyaku Co., Ltd.	Apr. 18, 2002		X*+
	AL	wo	02/076450	A1	Merck & Co., Inc.	Oct. 3, 2002		
	АМ	JP	2004-244412	Α	Kotobuki Seiyaku KK	Sept. 2, 2004		X*+
				<u> </u>				

		OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner	Doc.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item		slation
Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
	AN	HEYMANN et al., FEBS Letters, 91(2): 360-364 (July 1978)		
	AO	SCHÖN et al., Biomed. Biochim. Acta, 44(2): K9-K15 (1985)		
_	AP	JOHNSON et al., The Journal of Cell Biology, 121(6): 1423-1432 (1993)		
	AQ	CALLEBAUT et al., Science, 262: 2045-2050 (December 24, 1993)		
	AR	DEACON et al., Journal of Clinical Endocrinology and Metabolism, 80(3): 952-957 (1995)		
	AS	DEACON et al., American Journal of Physiology, 271: E458-E464 (1996)		
	ΑT	KNUDSEN et al., European Journal of Pharmacology, 318: 429-435 (1996)		
	ΑÜ	WIEDEMAN et al., Current Opinion in Investigational Drugs, 4(4): 412-420 (2003)		
	AV	CALDWELL et al., Bioorganic & Medicinal Chemistry Letters, 14: 1265-1268 (2004)		
	AW	PARMEE et al., Bioorganic & Medicinal Chemistry Letters, 14: 43-46 (2004)		

Examiner Signature		Date Considered	
Examiner digitatore		Date Considered	l l
	L	I	i

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
 An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

